Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No 1st & Final bill

YNK-DBR No. 120
Date 07.09.2021

Date AEE, YSTSD, 20

Division Yelahanka
Bill Received No
Scheduled Docket No

Sub Division Yelahanka SBR No. 66/21-22
Date Dated Cash Book Voucher No dated Date: 30/8/2021

Name of Work : Improvements to cross roads at Chikkadinne to Tirumalanagara in ward no-03

Job Code No: 003-20-0000255 **Est. cost: 25.00 lakhs**

Name of Contractor and Full Address : Sri .B.R.Mohan, Bangalore.

Work Order No: **BBMP/EE/YNK.D/EPMT-02/W.O/248/2020-21,** **Dated : 15-02-2021**

Certified that the measurements were taken by me on 31/7/2021 and recorded in pages 11792 to 11793/2 of measurement Book No 1173/2018-19 and that the work is satisfactorily executed.

B.R.M
Contractor

Officer-in-charge of work
31/7/2021

Certified that the measurements were taken by me on 31/07/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

31/7/2021
Sub Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No ..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt =Rs	26,09,754-00
FSD =Rs	1,30,488-00
CGST =	23,302-00
SGST =	23,302-00
IT =	26,098-00
LC =	26,098-00
CESS =	26,098-00
Royalty =	52,588-00
T D =	2,89,846-00
Net Amt =	23,19,908-00

Contractor's Signature

Received Rs ..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

B.R.M
Signature of Contractor

Dated.....

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Audited & Admitted for Rs. 26,09,754-00
Twenty Six Lakh nine Hundred Seven Hundred & Fifty four.
23,19,908-00 by Cheque
and Rs. 2,89,846-00 by Adjustement

Acts Supdt
yelahanka Division
BBMP

Exe Engineer
yelahanka Division
Executive Engineer

Initials of Officer Making Payment

Name of Work: Improvements to cross roads at Chikkadinne to Tirumalanagara in ward no-03

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and refixing stone slabs of drains and pointing in CM(1:3)	Sqm	129.00	116.31	15003.99	128.85	116.31	14987.00	128.85	14987.00
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per	Cum	70.50	224.97	15860.39	70.24	224.97	15802.00	70.24	15802.00
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing	Cum	3.15	5665.89	17847.56	3.14	5665.89	17789.00	3.14	17789.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200, including cost of materials, labour,	Cum	7.20	7388.36	53196.20	7.18	7388.36	53019.00	7.18	53019.00
5	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost	Ton	0.65	77321.89	50259.23	0.65	77321.89	49956.00	0.65	49956.00
6	Providing Granite slabs quality roughly dressed andf fixed in cement mortar (1:6) inmcluding fixing curing etc.., complete 7.5cms thick	Sqm	129.00	775.39	100025.31	128.70	775.39	99793.00	128.70	99793.00
7	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc	Sqm	18.00	5661.81	101912.58	17.94	5661.81	101573.00	17.94	101573.00
8	KSRRB M300-13. Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with a lead of 1.00 km and complete as per specifications. (Excavated rock credited to contractor) MORTH Specification No. 301	Sqm	503.30	66.82	33630.51	496.23	66.82	33158.00	496.23	33158.00

Sl No	Description of Work	Unit	As per Shedule -B			Present Measurement			Up to date	
9	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm	1391.00	6.65	9250.15	1390.79	6.65	9249.00	1390.79	9249.00
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	208.65	2084.69	434970.57	208.62	2084.69	434905.00	208.62	434905.00
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	278.20	2091.34	581810.79	278.16	2091.34	581723.00	278.16	581723.00
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	1391.00	29.91	41604.81	1390.79	29.91	41599.00	1390.79	41599.00
13	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	69.55	6894.32	479499.96	69.54	6894.32	479428.00	69.54	479428.00
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	1391.00	13.29	18486.39	1390.79	13.29	18484.00	1390.79	18484.00

l No	Description of Work	Unit	As per Shedule -B			Present Measurement			Up to dat	
15	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	41.73	8102.83	338131.10	41.72	8102.83	338081.00	41.72	33808100
16	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	43.00	475.20	20433.60	43.00	475.20	20434.00	43.00	20434.00
17	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for	Nos	54.00	373.29	20157.66	54.00	373.29	20158.00	54.00	20158.00
	Total				**2332080.80**			**2330138.00**		**233013800**
	GST 12%				**279849.70**			**279616.56**		**27961656**
	Grand Total				**2611923.00**			**2609754.56**		**260975456**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

6/7/2021

Asst. Executive Engineer